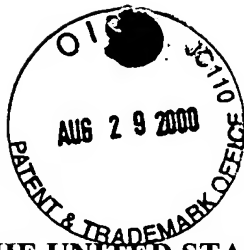


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Chappel, R.  
Appl. No. : 09/380,826  
Filed : November 22, 1999  
For : *LEPTOSPIRA* PATHOGENS  
Examiner : J. Hines



Group Art Unit 1645

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on

August 24, 2000

(Date)

*Daniel E. Altman*  
Daniel E. Altman, Registration No. 35,115

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RESPONSE TO RESTRICTION REQUIREMENT  
WITH  
SUPPLEMENTAL PRELIMINARY AMENDMENT  
AND  
RESPONSE TO NOTICE TO COMPLY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Communication from the Examiner mailed July 25, 2000 (Paper No. 7), please amend the above-captioned application as follows:

IN THE CLAIMS:

In Claim 24, please replace the first word of the claim, "The", with --A method for isolating the--.

Please add the following claims:

124. The isolated pathogenic *Leptospira* pathogen of claim 1, wherein said isolated pathogenic *Leptospira* pathogen consists of an non-infectious or attenuated form of said isolated pathogenic *Leptospira* pathogen.

125. The isolated pathogenic *Leptospira* pathogen of claim 124 wherein said attenuated form consists of a killed isolated pathogenic *Leptospira* pathogen.